

CONTRACT AWARD		STATE OF ALASKA HQ, STATE EQUIPMENT FLEET (Contracting Authority) 2200 E. 42nd Avenue Anchorage, Alaska 99508 (907-269-0800)		CONTRACT AWARD NUMBER 1605159	
ORDERING DEPARTMENT HEADQUARTERS, STATE EQUIPMENT FLEET 2200 E. 42ND AVENUE ANCHORAGE, ALASKA 99508		COMMODITY CODE		DATE OF CONTRACT 1/28/05	
		NUMBER & PERIOD OF RENEWAL OPTIONS NONE		PR NO./DATE ASSIGNED	
		DATE INITIAL CONTRACT BEGINS 12/27/04		DATE INTIAL CONTRACT ENDS 12/26/07	
CONTRACTOR YUKON EQUIPMENT ADDRESS 2020 E. 3RD AVENUE ANCHORAGE, AK 99501 CONTRACT NAME EARL LACKEY TELEPHONE NUMBER 277-1541		GS VENDOR CODE:			
		ISSUED IN ACCORDANCE WITH BID # SEF- 881		DATED: 12/27/04	
		PRICE ADJ. REQ. PRIOR TO EACH RENEWAL:			
		CPI/PPI BASE INDEX POINTS & MO/YR:			
		REVIEW DATE:		RENEWALS EXPIRE (MO/YR):	
		ESTIMATED VALUE OF INITIAL TERM: \$300,000.00		REBID:	
SEND INVOICES IN DUPLICATE TO: DOT&PF, STATE EQUIPMENT FLEET, 2200 E. 42ND AVENUE, ANCHORAGE AK 99508					
NOTE: This order constitutes a binding commitment between the State and the contractor listed hereon. Unauthorized modification without the expressed prior approval of the contracting authority will result in a financial obligation on the contractor and/or unauthorized State personnel making the change.					
DESCRIPTION					
CONTRACT TO PURCHASE EQUIPMENT AND TRAILER DUMPS TABLE OF CONTENTS I. TERMS AND CONDITIONS II. SPECIAL TERMS AND CONDITIONS III. OFFER AND CONTRACT AWARD IV. BID PRICE SCHEDULE V. SPECIFICATIONS					
CONTRACTING AUTHORITY NAME & TITLE DIANA L. ROTKIS, ACTING FLEET MANAGER				SIGNATURE	
TELEPHONE NO.: 907-269-0788		FAX NO.: 907-269-0801		PAGE 1 OF	
IMPORTANT 1. Contract award number and ordering department name must appear on all invoices and documents relating to this order. 2. The State is registered for tax free transactions under Chapter 32, IRS Code Registration No. 92-601185. Items are for the exclusive use of the State and not for resale.					

SECTION I

STANDARD TERMS AND CONDITIONS

- 1.0 ACCESSORIES:** When accessories are supplied, they must be certified to be compatible with the rest of the equipment. Certification will be written evidence satisfactory to the State that the accessories are compatible. The contractor's failure to supply this evidence within the time required by the State will cause the State to consider the bid non-responsive and reject the bid.
- 2.0 AMENDMENTS:** Contract terms shall not be waived, altered, modified, supplemented or amended without prior written approval of the Contracting officer.
- 3.0 ASSIGNMENT:** A contractor may not assign any portion of a contract unless authorized in
- 4.0 COMPLIANCE WITH ALL GOVERNMENT REGULATIONS:** The contractor must comply with all applicable federal, state, and borough regulations, codes, and laws, and pay all applicable federal, state, and borough taxes, and is liable for all required insurance, licenses, permits, and bonds. Failure to comply with such requirements shall constitute a breach of contract and shall be grounds for contract cancellation. Damages or costs resulting from noncompliance shall be the sole responsibility of the contractor.
- 5.0 CONFLICT OF INTEREST:** A person employed by the State of Alaska may not seek to acquire, be a party to, or possess a financial interest in, this contract if they are an employee of the administrative unit that supervises the award of this contract or they have the power to take or withhold official action to affect the contract.
- 6.0 DEFAULT:** In case of contractor default, the State may procure the goods or services from another source and hold the contractor responsible for any resulting excess costs and may seek other remedies under law or equity. Alaska Statutes and Regulations provide for suspension and disbarment of non-responsible contractors.
- 7.0 DELIVERY:** All deliveries shall be F.O.B. final destination point with all transportation and handling charges paid by contractor. Responsibility and liability for loss or damage shall remain with contractor until final inspection and acceptance when responsibility shall pass to the State except as to latent defects, fraud and contractor's warranty obligations.
- 8.0 DISCONTINUED ITEMS:** In the event an item is discontinued by the manufacturer during the life of the contract, another item may be substituted, provided that the contracting officer makes a written determination that it is equal or better than the discontinued item and provided that it is sold at the same price or less than the discontinued item.

- 9.0 DISPUTES:** Any disputes arising out of this solicitation shall be resolved under the laws of Alaska. An appeal or any original action to enforce any provision of this agreement must be in the superior court for the First Judicial District of Alaska.
- 10.0 FORCE MAJEURE (Impossibility to perform):** Neither party to this contract shall be held responsible for delay or default caused by acts of God and/or war, which is beyond that party's reasonable control. The State may terminate this contract upon written notice after determining such delay or default will reasonably prevent successful performance of the contract.
- 11.0 INDEMNIFICATION:** The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.
- 12.0 INSPECTIONS:** Goods furnished under this contract are subject to inspection and test by the State at times and places determined by the State. If the State finds goods furnished to be incomplete or not in compliance with bid specifications, the State may reject the goods and require contractor to either correct them without charge or deliver them at a reduced price, which is equitable under the circumstances. If contractor is unable or refuses to correct such goods within a time deemed reasonable by the State, the State may cancel the order in whole or in part. Nothing in this paragraph shall adversely affect the State's rights as buyer, including all remedies and rights granted by Alaska statutes.
- 13.0 INSURANCE:**
- 13.1 Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a 30-day prior notice of cancellation, nonrenewal or material change of conditions. Failure to

furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

13.2 Proof of insurance is required for the following:

13.2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

13.2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

13.2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

14.0 ITEM UPGRADES: The State reserves the right to accept upgrades to models on the basic contract when the upgrades improve the way the equipment operates or improve the accuracy of the equipment. Such upgraded items must be at the same price as the items in the basic contract.

15.0 NEW EQUIPMENT: Equipment offered in response to this contract must be new equipment. New equipment means equipment that is currently in production by the manufacturer and is still the latest model, edition or version generally offered. The equipment must be warranted as new by the manufacturer and may not have been used for any purpose, other than display (not demonstration), prior to its sale to the State. The State will not accept remanufactured, used or reconditioned equipment. It is the contractor's responsibility to ensure that each piece of equipment delivered to the State complies with this requirement. A contract's failure to comply with this requirement will cause the State to seek remedies under breach of contract.

16.0 PAYMENT: Payment for agreements under \$500,000 for the undisputed purchase of goods or services provided to a State agency, will be made within 30 days of the receipt of a proper billing or the delivery of the goods or services to the location(s) specified in the agreement, whichever is later. A late payment is subject to 1.5% interest per month on the unpaid balance.

Interest will not be paid if there is a dispute or if there is an agreement, which establishes a lower interest rate or precludes the charging of interest.

- 17.0 SEVERABILITY:** If any provision of this contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected.
- 18.0 STANDARD AND SPECIAL TERMS AND CONDITIONS:** The terms and conditions of this section are standard to State of Alaska, Department of Transportation and Public Facilities, Statewide Equipment Fleet contracts for the purchase of goods. There may also be other special terms and conditions in an Invitation to Bid or Request for Proposal which apply only to this contract. In the event of a conflict between the standard and special terms and conditions, the Special Terms and Conditions take precedence.
- 19.0 SUCCESSORS IN INTEREST:** This contract shall be binding upon successors and assigns.
- 20.0 SUITABLE MATERIALS:** All materials, supplies or equipment offered by a contractor shall be new, unused, of recent manufacture, and suitable for the manufacturer's intended purpose unless the specifications allow for used, rebuilt or remanufactured equipment.
- 21.0 TAXES:** Prices quoted in bids must be exclusive of federal, state, and local taxes. If the contractor believes that certain taxes are payable by the State, the contractor may list such taxes separately, directly below the bid price for the affected item. The State is exempt from Federal Excise Tax because articles purchased are for the exclusive use of the State of Alaska.
- 22.0 USE OF BRAND OR TRADE NAMES:** Brand or trade names used by the State in bid specifications are for the purpose of describing and establishing the standard of quality, performance and characteristics desired and are not a statement of preference nor are they intended to limit or restrict competition. Contractors may submit bids for substantially equivalent products to those designated unless the Invitation to Bid provides that a specific brand is necessary because of compatibility requirements. All such brand substitutions shall be subject to the State's approval.
- 23.0 WARRANTY:** Unless otherwise stated, all equipment shall be new and current model and shall carry full factory warranties. Contractor warrants all goods delivered to be free from defects in labor, material and manufacture and to be in compliance with bid specifications. All implied or expressed warranty provisions of the Uniform Commercial Code apply. All warranties shall be for and benefit the State.

SECTION II

SPECIAL TERMS AND CONDITIONS

1.0 DELIVERY:

1.1 **Pre-delivery service:** Prior to delivery, each vehicle, piece of equipment, or attachment shall be serviced and inspected by the dealer or his agent. A certification of this inspection, including the dealer and vehicle identification, check-off of service and inspection performed and the service manager's signature shall be furnished with each vehicle delivered. The vehicle's crankcase, differential and transmission, and other fluid compartments shall be filled to the manufacturer's recommended capacity. Fuel tank shall be filled to at least register a minimum 1/4 full on the fuel gauge, unless restricted by the commercial carrier, when the vehicle arrives at the delivery location. The vehicle shall be clean and free from defects when delivered and should be ready for immediate and continued use upon delivery.

1.2 Delivery Receipt:

1.2.1 A delivery receipt will be required for each unit delivered. This form can be of the vendor's own design, but must include the following minimum information: your delivery receipt number, the State Purchase Order (Delivery Order) number (reference the line item number of the vehicle as listed on the Purchase Order, followed by the model and serial number), a space for signature acknowledging receipt by state receiving personnel and date of actual receipt. One copy of this delivery receipt is to be given to the state-receiving agency. The original shall accompany the vendor's invoice to support and properly identify the vehicle delivered.

1.2.2 Vendors are cautioned and advised that such delivery forms or other receiving type documents will not in any way be construed to mean the state has formally and fully accepted unit(s) referenced thereon as complete and meeting every specification set forth. Regional Equipment Managers are to be contacted regarding delivery coordination and contacts.

2.0 LIQUIDATED DAMAGES FOR LATE DELIVERY:

2.1 Time is of the essence in this contract. The Contractor is expected to deliver goods that conform in all material respects to the contract specifications on or before the date provided therein, as may be amended by written agreement of the parties.

2.2 In the event that the goods are delivered late or in the event that the goods do not conform in all material respects to the contract specifications, the State shall be entitled to offset against the Contract Price, as liquidated damages and not as a penalty, an amount equal to **28.00** per day multiplied by the number of days elapsing between the delivery date provided in the specifications and the date that conforming goods are delivered to the State. The number of days for which liquidated damages shall apply shall

include, in the case of non-conforming goods, the time reasonably necessary for the State to inspect the goods.

- 2.3 These liquidated damages represent a reasonable estimate of amounts necessary to compensate the State for loss of use of the goods during the period in which the goods would have been available to the State if conforming goods had been timely delivered.

3.0 WARRANTY:

- 3.1 **WARRANTY:** Unless otherwise stipulated by this ITB, the successful contractor will provide a one year (12-month), full (100%) warranty.

- 3.1.1 Full (100%) Parts and Labor Warranty Coverage of all components for the 12-months, from the date the unit is placed in service. Warranty repairs shall take place at the vendor's warranty service centers in Anchorage, Fairbanks and Juneau. All travel costs for warranty performed outside of these areas will be billed as follows:

3.1.1.1 Travel Labor Charge, as quoted in Section V, Bid Price Schedule.

3.1.1.2 Mileage Charge, as quoted in Section V, Bid Price Schedule.

3.1.1.3 Meals are paid at actual and charges must be accompanied by receipts and are not to exceed the State authorized \$42.00 per day.

3.1.1.4 Transportation, such as airfare, shall be reimbursed at actual and all charges are to be accompanied by a receipt/copy of the ticket.

3.1.1.5 Lodging shall be reimbursed at actual and shall not exceed \$100.00 per night unless no other lodging is available. Requests for reimbursement must be accompanied by a receipt.

- 3.1.2 Full Warranty Coverage includes all cost of labor, parts, freight of parts or associated tools, transportation and travel in the Anchorage, Fairbanks and Juneau areas (within a 10 mile radius) lubricants, miscellaneous cost, etc., to place the unit in like-new condition.

- 3.2 **General Warranty Requirements for all Equipment:**

- 3.2.1 **Warranty Exceptions:**

3.2.1.1 For clarification, warranty does not apply to normal wear and tear or maintenance items, accident damages, misuse of equipment or failure to operate or maintain equipment as prescribed by vendor/manufacturer.

- 3.2.2 **Warranty on Attachments:** Attachments are to have same warranty as host unit.

3.2.3 **In-Service Date:**

3.2.3.1 Warranty on vehicles not placed in service immediately upon receipt because of time lag to construct body components and/or installation of special equipment, or due to seasonal usage or other delay, shall be warranted from the date the vehicle is placed in service. The receiving agency shall notify the vendor/manufacturer in writing of the actual "in service" date. The vendor/manufacturer may not provide any alternate form of warranty paperwork signifying in-service date for signature. All forms of notification, other than a State of Alaska Receiving Report or equivalent State of Alaska documentation shall not be considered as binding. Notification of the requirement for delayed warranty will be provided on delivery orders whenever possible.

3.2.4 **Authorized Warranty Dealer (Contractor) and Subcontractor:**
For the purpose of this bid, the contractor must meet the following applicable requirements:

3.2.4.1 Contractor must:

- 3.2.4.1.1 possess a current Alaska Motor Vehicle Dealer License pursuant to AS 08.66.010 through AS 08.66.090, when offering motor vehicles, trailers or semi-trailers, and;
- 3.2.4.1.2 be a manufacturer(s) authorized warranty service dealer for each unit, and;
- 3.2.4.1.3 have the capability of providing warranty servicing and repair work within the State of Alaska, with authorized warranty repair facilities in Anchorage and Fairbanks at a minimum.

3.2.4.2 Contractor, if appropriate, shall submit the name, address, Alaska business license and of any subcontractor who will provide the warranty servicing and repair work referenced in paragraph 3.2.4 above. The Contractor must also provide contractual documentation or agreements with the subcontractor insuring the state that the subcontractor will provide complete contract performance on behalf of the contractor as set forth in this CONTRACT and verification that the work provided will maintain manufacturer's warranty requirements.

3.2.5 **Warranty Claims:**

3.2.5.1 Warranty will be provided at the unit's assigned (in-service) location as shown in this ITB, Section V - Bid Price Schedule. Because of the remote location of some

equipment it is not always practical to deliver equipment to authorized warranty repair facilities. In these cases, the vendor may perform warranty work at the state's location or, the State of Alaska, at its discretion, reserves the right to perform the warranty work and be reimbursed by the vendor.

3.2.5.2 The State of Alaska has established a warranty procedure whereby the vendor is to be notified via letter, telex, fax, telegram, etc. that warranty work needs to be performed. If time is of the essence, a telephone call confirmed by one of the above written procedures may be utilized. The vendor must notify the state immediately that it will begin to perform the warranty work at the equipment location within 48 hours from receipt of written notification. The State may, at its discretion, proceed to make warranty repairs with its own work force in the case of emergency situation or to preclude excessive downtime (greater than 48 hours).

3.2.5.3 Failure to notify the State, that the vendor intends to begin to perform warranty work promptly under this paragraph, by the end of the business day following the states notification that work is required to be performed, is considered a contractual breach.

3.2.6 The vendor will be invoiced for required warranty work performed by the state. The shop rate to be charged for warranty work performed by the state will be **\$73.00** per hour. Labor hours to be charged will be in accordance with appropriate flat rate manuals. If flat rate manuals do not cover the labor operation, actual repair time will be used. Warranty work performed by state shop personnel at locations where no shop personnel are permanently stationed may be subject to travel expenses incurred involving those warranty repairs.

3.2.7 Factory Recall:

3.2.7.1 Nationwide factory recall or product update programs are the responsibility of the vendor and/or manufacturer. The State will attempt to bring affected equipment to an authorized repair facility. However, because of the remoteness of some equipment this is not always practicable or economical. In such cases, factory recall and modification work will be handled the same as warranty work. Factory recall notices sent to the state should, in addition to serial number, include model, year, and dealer from whom purchased.

4.0 PUBLICATIONS (OPTIONAL – Pricing is required, refer to Section V – Bid Price Schedule):

- 4.1 To include parts, service, and operator's manuals.
- 4.2 Note: All publications are to be provided by the successful contractor not later than 30 days after delivery of the unit.
- 4.3 **NOTE! ALL MANUALS MUST ARRIVE ASSEMBLED AND IN FACTORY BINDERS.**
- 4.4 **Service Manuals:**
 - 4.4.1 Complete set to include applicable information covering prime unit and attachments:
 - 4.4.2 Body, chassis, and electrical
 - 4.4.3 Engine, transmission, and differential(s) (service and rebuild)
 - 4.4.4 Electrical and Vacuum troubleshooting
 - 4.4.5 Wiring diagrams
 - 4.4.6 Service specifications
 - 4.4.7 Engine/emission diagnosis
- 4.5 **Parts Manuals:** Complete set(s) (compact disc or books) to include prime unit and attachments, including updates.
- 4.6 **Operator's Manuals:** Complete set(s) to include prime unit and attachments.
- 4.7 **Quantities:** Refer to Section V- Bid Price Schedule.
- 4.8 **Manuals:** To be delivered to, and receipt signed by:
 - 4.8.1 Person(s) as noted in the Bid Price Schedule.
- 4.9 **Service Bulletins, Etc.:**
 - 4.9.1 The contractor must provide appropriate service bulletins, technical support bulletins, service letters, product support bulletins, and/or any other information type notifications that are sent out to the vendor or used by the manufacturer in the maintenance and report of the vehicle, equipment or attachments being provided. The intent of this clause is that the State of Alaska be provided notification of any and all changes or improvements that may affect the maintenance, reliability, longevity, and safety of our equipment.
 - 4.9.2 This information will be provided as soon as possible to the persons as noted in the Bid Price Schedule.
 - 4.9.3 Successful contractor must provide proof of subscription to their applicable service.
- 5.0 **STATEMENT OF ORIGIN:** The contractor will be required to furnish a Manufacturer's Statement of Origin for Automotive or Non-Automotive rolling stock for each unit. All such documents shall be forwarded to:

DOT&PF, HQ State Equipment Fleet
2200 E. 42nd Avenue Room #311

- 6.0 WEIGHT VERIFICATION SLIPS:** A weight scale ticket of the completed unit may be required to be included with the Statement of Origin. Please refer to Section V - Bid Price Schedule.

7.0 INSPECTIONS:

- 7.1 The State's inspection of all materials and equipment upon delivery is for the sole purpose of identification. Such inspection shall not be construed as final or as acceptance of the materials or equipment if materials or equipment do not conform to Contract requirements. If there are any apparent defects in the materials or equipment at the time of delivery, the State will promptly notify the Contractor thereof. Without limiting any other rights of the State, The State at its option, may require the Contractor to:
- 7.1.1 Repair or replace at Contractor's expense, any or all of the damaged goods,
 - 7.1.2 refund the price of any or all of the damaged goods, or
 - 7.1.3 accept the return of any or all of the damaged goods.
- 7.2 Costs of remedying all defects, indirect and consequential costs of correcting same, and/or removing or replacing any or all of the defective materials or equipment will be charged against the Contractor.

8.0 REPLACEMENT PARTS:

- 8.1 The State of Alaska shall expect the manufacturer to have adequate stocks of replacements parts available to service State vehicles and equipment and to make delivery within a reasonable time (no more than 5 working days) of all normal replacement parts to their dealers who may service State vehicles and equipment.

8.2 PARTS CONTRACT:

- 8.2.1 This contract will include a five (5) year parts contract. This contract will include any part, component or related item applicable to the truck and any applicable components thereon.
- 8.2.1.1 Refer to Section V – Bid Price Schedule.
- 8.2.2 This is not a mandatory contract. The State is free to purchase parts and components outside this contract if lower, more competitive prices are available.
- 8.2.3 **PART AND COMPONENT PRICING:** Pricing will be based on the following and entered into the bid price schedule. These numbers will not be used for bidding purposes. These discounts will remain firm for the full five-year contract.
- 8.2.3.1 Discount off of contractor list price for all wheel loader parts:
 - 8.2.3.2 Discount off of contractor list price for all component/attachment parts:

- 8.2.3.3 All pricing is FOB the vendor's service points in Anchorage, Fairbanks or Juneau. All shipping costs beyond those areas will be invoiced as a separate line item on the invoice. Requests for copies of the actual shipping documents must be provided within 60 days of request.
- 8.2.3.4 Contract price lists and supersedure lists will be supplied to all SEF shops statewide. A list will be provided at time of award.
- 8.2.3.5 Items on sale: Contract items listed in the contractor's published list placed on sale at reduced prices may be purchased at the "sale price", whichever is lower. Orders placed under sales pricing are subject to the terms and conditions of the sale.
- 8.2.3.6 Method of Ordering: Orders for parts will be placed by individual SEF shops at their sole discretion.
- 8.2.3.7 Back order procedures: Back orders are acceptable; however, the ordering shop shall be apprised at time of original orders as to the expected delay in delivery.
- 8.2.3.8 Warranty: All products supplied by the contractor shall be warranted against defects in materials and workmanship for a minimum of 90 days, commencing at the time of installation as long as the installation is within six (6) months of purchase. The cost of the defective product, to include freight, shall be the obligation of the contractor.
 - 8.2.3.8.1 If the manufacturer's warranty exceeds the stated warranty then manufacturer's warranty supercedes.
- 8.2.3.9 Parts Return/Stocked Parts: Within 12 months of purchase, the State is to be allowed to return parts in new conditions, in original packaging, for a full refund, less shipping. Parts Return/Non-Stocked Parts: Within 12 months of purchase, the State is to be allowed to return parts in new condition, in original packaging, for a full refund less a restocking fee of no more than 20%, less shipping
- 8.2.3.10 Invoicing: Full description of item is required on all invoices, packing lists and billings.
- 8.2.3.11 Core Return: Remanufactured Product Cores must be returned within 60 days. Cores returned after sixty (60) days will be evaluated on an individual basis.

9.0 PRICE:

- 9.1 Price Guarantee: The Contractor is responsible to maintain prices under the contract firm through the current model year ordering cycle. The Contractor will inform the state as to the final date that orders may be placed for specific units.
- 9.2 **NO RETROACTIVE PRICE ADJUSTMENTS WILL BE ALLOWED. ONCE AN ORDER IS PLACED THE PRICE STAYS FIRM.**
- 9.3 Price adjustments, increases or decreases, for subsequent model year orders, may be made by providing the Contracting Officer satisfactory evidence that all of the following conditions exist:
- 9.3.1 The increase is a result of the increased cost at the manufacturer's level and not costs under the contractor's control, and that;
- 9.3.1.1 The increase will not produce a higher profit margin for the contractor than that on the original contract, and that;
- 9.3.1.2 The increase affects only the item(s) that are clearly identified by the contractor.
- 9.3.1.3 Satisfactory forms of the evidence of the above facts may include a certified invoice from the manufacturer, or an affidavit from an independent professional price tracking firm that is recognized by the industry as reputable and knowledgeable. The contractor must be able to show the difference between the prior year's price and the current difference in the price being requested.
- 9.3.2 **Price Decreases:** During the period of the contract, the Contractor must pass on to the state all price decreases, such as fleet rebates. A Contractor's failure to adhere strictly and faithfully to this clause will be considered a material breach of contract. The state reserves the right to cancel the contract if the contractor fails to properly
- 10.0 MANUFACTURER'S REBATE (INCENTIVES):** In any circumstance during or prior to completion of the contract, whereupon the State of Alaska becomes eligible to receive a rebate for any vehicle purchased under this contract, it shall be the CONTRACTOR'S responsibility to inform the Contracting officer in writing and to advise the procedures for obtaining such rebates.
- 11.0 REPLACEMENT PARTS:** The State of Alaska shall expect the manufacturer to have adequate stocks of replacements parts available to service State vehicles and equipment and to make delivery within a reasonable time of all normal replacement parts to their dealers who may service State vehicles and equipment.
- 12.0 BRAND NAME SPECIFICATION:** For purposes of this ITB, certain vehicle accessories are specifically identified by brand name and model/part number. Only the listed brand name and model/part numbers are acceptable. Substitutes shall be not allowed.
- 13.0 ADDITIONS OR DELETIONS:** The State reserves the right to add or delete items, agencies or locations as determined to be in the best interest of the State.

Added items, agencies or locations will be related to those on contract and will not represent a significant increase or decrease in size or scope of the contract. Such additions or deletions will be documented via mutual agreement, will be at prices consistent with the original bid price margins, and will be evidenced by issuance of a written contract change notice from the Contracting officer.

- 14.0 CONTRACT ADMINISTRATION:** The administration of this contract, including any/all changes, is the responsibility of the Contracting Officer, HQ State Equipment Fleet.

SECTION III
OFFER AND CONTRACT AWARD
CONTRACTOR INFORMATION

Yukon Equipment
(Company Name)

By: Earl Lackey
(Authorized Representative)

2020 E. 3rd Avenue
(Address)

Sales Manager
(Title)

Anchorage, AK 99501
(City, State) (Zip)

(907) 277-1541 (907) 276-6759
(Phone) (Fax No.)

(NOTE: Contractor Signature on File)

CONTRACT AWARD
(FOR STATE OF ALASKA USE ONLY)

An intent to Award was previously issued to you for this procurement on November 2, 2004 and the time for protest is complete. Accordingly, Contract No. 1605159 is hereby awarded on December 27, 2004 between Yukon Equipment and the State of Alaska, Department of Transportation and Public Facilities, Statewide Equipment Fleet.

THIS IS NOT A NOTICE TO PROCEED. BILLABLE WORK SHALL COMMENCE WITH RECEIPT OF A CONFIRMING DELIVERY ORDER NUMBER OR ORDER

Authorized Signature

Contracting Officer

SECTION IV

BID PRICE SCHEDULE

LOT 1:

Item					
#	Qty	Unit	Description	\$	Amount
1a	1	ea.	Trailer, Belly Dump with Sander and Grizzly Attachment; one (1) year full warranty as per Section III – Special Terms and Conditions. State class #568. Per specification #568 , contained herein. Trailer, Belly Dump – Year, Make, and Model, Offered: <u>2005 Trail King TK54BD</u>		\$54,931.00
1b			Third Axle Option (Per Spec Item 4.2.1.1)		\$4,655.00
1c			Sander Attachment Option, when purchased alone without grizzly (Per Spec Items 8.0 and 10.4) Make and Model Offered: <u>Monroe Hopper Bottom V-Box Spreader</u>		\$10,513.00
1d			Sander Attachment Option, when purchased alone with grizzly (Per Spec Items 8.0, 9.0 and 10.0) Make and Model Offered: <u>Monroe Hopper Bottom V-Box Spreader w/ Grizzly</u>		\$15,204.00
1e			Publications Option (per Spec Item 10.5)		\$25.00

FOB Point – Refer to Section III, Paragraph 3.0.

NOTE: Final shipment to in-service locations as annotated on the Purchase or Delivery Orders will be arranged and pre-paid by the contractor. The actual cost will be invoiced as a separate line item on the invoice for full reimbursement by the State. Shipping arrangements will always be in the best interest of the State and any extraordinary costs or circumstances pre-approved by the Contracting Officer prior to shipment.

Required Delivery: Not later than 150 days ARO unless
barge schedules prevent such delivery.

Offered Delivered Time: 150 Days ARO.

Weight Verification Slip: Provide, as per Section III –
Special Terms and Conditions.

TOTAL LOT 1 (Includes Items 1a through 1e) \$85,328.00

ALSO (Lot 1),
Per Section III – Special Terms and Conditions, paragraph 5.1.1, please provide the following information. Note: This pricing will not be used in the bid evaluation, however, it is required to be supplied.

Travel Labor Charge: \$100.00 Per Hour

Mileage Charge: \$2.50 Per Mile

LOT 6:

Item #	Qty	Unit	Description	\$	Amount
6a	1	ea.	Trailer, Equipment, 80,000 Pound Capacity; Single Drop Deck with Rigid Gooseneck, 5 th Wheel Hitch, 2-Axle, 8.5 Foot Wide Deck, 40-Foot Long Deck, outriggers, and one (1) year full warranty as per Section III – Special Terms and Conditions. State class #624. Per specification #624-40T-RGN-8.5W , contained herein. 40-Ton Equipment Trailer – Year, Make, and Model, Offered: <u>2005 Trail King TK80LCS</u>		\$33,047.00
6b			Publications Option (per Spec Item 5.3)		\$25.00

FOB Point – Refer to Section III, Paragraph 3.0.

NOTE: Final shipment to in-service locations as annotated on the Purchase or Delivery Orders will be arranged and pre-paid by the contractor. The actual cost will be invoiced as a separate line item on the invoice for full reimbursement by the State. Shipping arrangements will always be in the best interest of the State and any extraordinary costs or circumstances pre-approved by the Contracting Officer prior to shipment.

Required Delivery: Not later than 120 days ARO unless
barge schedules prevent such delivery.

Offered Delivered Time: 120 Days ARO.

Weight Verification Slip: Provide, as per Section III –
Special Terms and Conditions.

Lot 6 Total (Includes 6a & 6b) \$33,072.00

ALSO (Lot 6),

Per Section III – Special Terms and Conditions, paragraph 5.1.1, please provide the following information. Note: This pricing will not be used in the bid evaluation, however, it is required to be supplied.

Travel Labor Charge: \$100.00 Per Hour

Mileage Charge: \$2.50 Per Mile

LOT 9:

Item #	Qty	Unit	Description	\$	Amount
9a	1	ea.	Trailer, Equipment, 100,000 Pound Capacity; detachable gooseneck with 5th wheel hitch with winch Tilt, 10-Foot Wide Deck, double drop 24 Foot Long Main Deck, air ride suspension, and one (1) year full warranty as per Section III – Special Terms and Conditions. State class #626. Per specification # 626-50T-DG-10W , contained herein. Trailer, Equipment, 50-Ton, DG – Year, Make, and Model, Offered: <u>2005 Trail King TK110HDG</u>		\$56,125.00
9b			Loading Ramp Option (per Spec Item 3.5)		\$2,705.00
9c			Outrigger Option (per Spec Item 3.5.6)		\$250.00
9d			3rd Axle Air Lift Option (per Spec Item 7.5.1)		\$1,157.00
9e			Publications Option (per Spec Item 9.5)		\$25.00

FOB Point – Refer to Section III, Paragraph 3.0.

NOTE: Final shipment to in-service locations as annotated on the Purchase or Delivery Orders will be arranged and pre-paid by the contractor. The actual cost will be invoiced as a separate line item on the invoice for full reimbursement by the State. Shipping arrangements will always be in the best interest of the State and any extraordinary costs or circumstances pre-approved by the Contracting Officer prior to shipment.

Required Delivery: Not later than 120 days ARO unless
barge schedules prevent such delivery.

Offered Delivered Time: 120 Days ARO.

Weight Verification Slip: Provide, as per Section III –
Special Terms and Conditions.

Lot 9 Total (Includes 9a through 9e) \$60,262.00

ALSO (Lot 9),
Per Section III – Special Terms and Conditions, paragraph 5.1.1, please provide the following
information. Note: This pricing will not be used in the bid evaluation, however, it is required to
be supplied.

Travel Labor Charge: \$100.00 Per Hour
Mileage Charge: \$2.50 Per Mile

SECTION V - SPECIFICATIONS

SPECIFICATION #568
Bottom Dump Trailer, Two Axles & Three Axles,
Minimum 20 Cubic Yard Capacity,
with Special Hydraulic Material Spreader and Grizzly Attachment
November 08, 2004

GENERAL SPECIFICATION:

It is the purpose of this specification to describe a new, and of the manufacturer's latest current model and design, bottom dump trailer with a minimum 20 cubic yard struck capacity and have a minimum payload rating of 3,000 pounds times the cubic yard struck capacity, two (2) axle (an option for a third axle is also to be provided), capability to detach lower hopper and doors and attach a special hydraulic material spreader attachment. To also include a bolt-on (attach/detach) grizzly, for the top hopper. Main unit (bottom dump) bid must have been in production a minimum of four (4) years. Unit to include all standard equipment and accessories as advertised in manufacturer's specification sheet of model offered, unless otherwise specified herein.

APPLICATION:

Mainly used for spreading of a mixture of sand and salt for winter ice control and also for general sand and gravel hauling application. Unit will be subject to varying terrain and weather conditions to minus 50 degrees Fahrenheit.

DOCUMENTATION REQUIRED:

A basic manufacturer's product brochure describing the unit being bid is to be provided.

TYPICAL UNITS:

TRAIL KING Model TK54BD or *RANCO* Model SA2140, provided all of the following specifications are met.

1.0 PERFORMANCE:

- 1.1 Highway Application: Must be capable of carrying a minimum of 3,000 pounds times the number of cubic yards struck capacity, at minimum 55 MPH.

2.0 CAPACITY:

- 2.1 20 cubic yards, struck, minimum.
 - 2.1.1 Wooden side boards required to obtain the minimum capacity are not acceptable. A permanent mounting is required to provide a mounting base for a detachable grizzly.

3.0 DIMENSIONS:

- 3.1 Overall length, not to exceed 40 feet (length does not include push block).
- 3.2 Overall width, not to exceed 8.5 feet (102 inches).

- 3.3 Overall height, not to exceed nine (9) feet (height does not include grizzly assembly).
- 3.4 Gate clearance to ground, empty, gates closed, minimum 13 inches.
- 3.5 Material spreader clearance to ground, empty, minimum 13 inches.

4.0 CHASSIS:

- 4.1 The trailer shall be of all steel construction, combination 100/80 KSI steel strength. Hardware to be grade 8.
- 4.2 Axles:
 - 4.2.1 To have two (2) axles with dual wheels.
 - 4.2.1.1 **Third Axle Option (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule.):**
 - 4.2.1.1.1 Provide three (3) axles plus additional tires, suspension, brakes, etc., as needed. All components to be identical as per this specification.
 - 4.2.2 Track to be approximately 77 inches.
 - 4.2.3 Oil seals to be *STEMCO* or equivalent.
 - 4.2.4 Each axle to have minimum 25,000 lb. capacity.
- 4.3 Suspension: *HUTCH* H-900, or equivalent.
- 4.4 Tires and Wheels:
 - 4.4.1 To include nine (9) each, including spare, *BRIDGESTONE* M711 or *GOODYEAR* G177 or *MICHELIN* XM-S4, 11Rx22.5 16PR, steel belted tires.
 - 4.4.2 Wheels: **Hub** piloted type, steel disc, 8.25x22.5 10 hole.
 - 4.4.3 *ACCURIDE* Wheel-Guards are to be supplied between dual wheels and between the wheels and the hubs.
 - 4.4.4 Mounted spare tire and wheel to be included. To be shipped loose.
- 4.5 Brakes:
 - 4.5.1 ABS.
 - 4.5.2 To be full air.
 - 4.5.3 16½ x 7 (16.5 x 7) inch, S-Cam with outboard drums.
 - 4.5.4 To include heavy-duty metal dust shields on all axles.
 - 4.5.5 To include arctic type hoses (*AEROQUIP*), diaphragms, and rubber boots on brake cans.
 - 4.5.6 All axles to be equipped with maxi cans.
 - 4.5.7 Standard glad hands, plastic are not acceptable.

- 4.5.8 To include safety break-a-way valve, automatically applying, in the event of line breakage or low air pressure.
- 4.5.9 Any air tanks are to include bleeder valves (automatic or manual), located in protected areas.
- 4.6 Mud Flaps: Heavy-duty.
- 4.7 Jack Stands: Dual, 20,000 lb. minimum total capacity jack stands with single crank.
- 4.8 Push Block: Bolt-on.
- 4.9 Fenders: Front and rear, to be sloped.
- 4.10 Mud Flaps: Heavy-duty rubber, anti-sail.

5.0 ELECTRICAL:

- 5.1 Lighting:
 - 5.1.1 12-volt, ICC and DOT approved, rubber mounted.
 - 5.1.2 Side marker, stop, turn and tail to be LED.
 - 5.1.2.1 Stop, turn, and tail to be rubber mounted *TRUCK-LITE* Super 44 or *GROTE* Supernova or *WHELEN* PAR35L.
 - 5.1.2.2 Side marker lights are to be LED, waterproof, and include a stainless steel or non-ferrous material fixture.
 - 5.1.3 License plate light and bracket.
 - 5.1.4 Rear lighting to include guards.
 - 5.1.5 Electrical connection (for trailer lighting and the ABS system) to be a seven (7) pole *POLLACK* #11-724 split pin poly/glass socket with a *POLLACK* #11-761 socket boot, or *PHILLIPS* equivalents.
 - 5.1.5.1 Wire position #1, white, 10-gauge, for ground.
 - 5.1.5.2 Wire position #2, black, 12-gauge for clearance, side marker, and identification lamps.
 - 5.1.5.3 Wire position #3, yellow, 12-gauge, for left turn.
 - 5.1.5.4 Wire position #4, red, 12-gauge, for stop lights.
 - 5.1.5.5 Wire position #5, green, 12-gauge, for right turn.
 - 5.1.5.6 Wire position #6, brown, 12-gauge, for tail and license plate.
 - 5.1.5.7 Wire position #7, blue, 12-gauge, for ABS power.
 - 5.1.6 To include one (1) each *POLLACK* #15-212 coiled cord that has a *POLLACK* #11-910 Weatherbeater poly/glass plug with cable guard on both ends and is approximately 12 foot in length, or *PHILLIPS* equivalents.

- 5.2 Wiring:
 - 5.2.1 Wiring harness to be sealed.
 - 5.2.2 Wiring to be continuously number or color coded.
 - 5.2.3 Connections to include heat shrink covering.
 - 5.2.4 Wiring to be grouped in conduit, cable, or harness where possible.
 - 5.2.5 Professionally routed with grommets and securement devices as necessary.

6.0 UPPER HOPPER:

- 6.1 To be tubular frame construction.
- 6.2 Hardware to be grade 8.
- 6.3 Hopper Sides and Ends:
 - 6.3.1 High tensile minimum 11 gauge (0.1196 inch thick), combination 100/80 KSI strength steel.
 - 6.3.2 Smooth steel sides without ridges or pockets to provide uninterrupted complete flow of material.
 - 6.3.3 To taper down to an approximate 70 x 110 inch lower opening which will have a bolt-on frame work to accept either the lower hopper with doors for standard bottom dump operation or the stainless steel hopper with material spreader unit.
 - 6.3.4 End slopes to be minimum 55 degrees.
 - 6.3.5 Side slopes to be minimum 78 degrees.
- 6.4 To have the capability to attach/detach the lower hopper or the material spreader to/from upper hopper by means of 1/2 inch diameter stainless steel hardware on minimum eight (8) inch centers.
- 6.5 A three (3) inch flange, minimum 3/8 (.375) inch thickness, with outside dimensions of approximately 70x110 inches will be utilized on the hopper connection.
 - 6.5.1 The height, with unit not loaded (light), is to be between 52 and 54 inches from the bottom of the three (3) inch flange to level ground.

7.0 LOWER HOPPER GATE ASSEMBLY):

- 7.1 Hardware to be grade 8.
- 7.2 Dimensions:
 - 7.2.1 Steel Sides, minimum 12 gauge (0.1046 inch thick), to have minimum side slopes of 75 degrees.
 - 7.2.2 A three (3) inch flange, minimum 3/8 (.375) inch thickness, with inside dimensions of approximately 70x110 inches will be utilized at the hopper connection.

- 7.3 To include synchronized opening clam type windrow gates.
 - 7.3.1 Air operated with two (2) each 7x26 inch air cylinders.
 - 7.3.2 To include solenoid control air valve with manual override for either "full open" or "completely shut" gate control.
 - 7.3.3 To include gate controls for operation of gates from cab of truck.
 - 7.3.4 Gates to be of pin-on/off from lower hopper design.
 - 7.3.5 Air hoses for gate cylinders to include quick disconnects with chained protection caps.
 - 7.3.6 Gates to dump a minimum of 90 percent (of total capacity) clean (of hotmix/asphalt) at a set opening of eight (8) inches.
 - 7.3.7 Any air tanks are to include bleeder valves (automatic or manual), located in protected areas.

8.0 MATERIAL SPREADER ASSEMBLY (Refer to attached DRAWING #568-1) (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):

- 8.1 This material spreader is also to be priced with the bottom dump trailer and as a separate item in the Bid Price Schedule.
 - 8.1.1 When priced as a separate item, pricing is to include all items described in spec items 8.0 and warranty as per Section III – Special Terms and Conditions, along with freight for the sander to the FOB point (Seattle/Tacoma dockside area).
- 8.2 To include a specially built material spreader assembly having the capability to attach/detach to/from the upper hopper.
- 8.3 All materials and hardware to be 304 stainless steel, unless otherwise specified (nut and bolts to be grade 8).
- 8.4 A three (3) inch flange, minimum 3/8 (.375) inch thickness, with inside dimensions of approximately 70x110 inches will be utilized on the hopper connection.
- 8.5 **Hydraulics:**
 - 8.5.1 Hydraulic motors (stainless steel is not required) to be US manufactured with a stocking Alaska dealer.
 - 8.5.2 Conveyor and spinner to be powered by separate hydraulic motor systems.
 - 8.5.2.1 Conveyor to be driven by a hydraulic orbital motor, minimum 6 2/10 (6.2) cubic inch displacement per revolution, that is directly coupled to a *DURST* spur gear box (stainless steel is not required).
 - 8.5.2.1.1 Gear box to include drain plug at lowest point of gear box to drain gear oil and condensation water.

- 8.5.2.1.2 Shall include control at hydraulic drive motor location, which when manually activated, will reverse travel of conveyor to dislodge stuck material.
 - 8.5.2.2 Spinner to be driven by a hydraulic motor turning a single center mounted spinner disc.
 - 8.5.2.2.1 Hydraulic motor to be mounted outside of unit to avoid coming in direct contact with sanding material and to allow for visual inspection without having to remove covers or panels.
 - 8.5.2.2.2 Motor to be connected directly to the upper side of spinner, a gear box is not acceptable.
 - 8.5.2.2.3 Rotation of spinner wheel, clockwise.
- 8.5.3 Engine driven hydraulic pump and truck cab controls will be part of host truck and will not need to be included with material spreader.
- 8.5.4 Hydraulic Hoses and Lines:
 - 8.5.4.1 Material spreader to be equipped with hydraulic hoses/lines running from permanent mount on front of trailer (close proximity to air lines), secured and protected. Ends to be capped off for shipment (the State will provide and install their own connections). Quick disconnects with chained protection caps will be provided and utilized at the permanent mount area where material spreader attaches/detaches from the upper dump body hopper.
 - 8.5.4.2 All hydraulic hoses to be high pressure *WEATHERHEAD* H-104 or equivalent.
 - 8.5.4.3 Hoses to be wrapped with *TELSTARAP* or *WAYTEK, INC.*, spiral wrapping.
 - 8.5.4.4 Fittings: "O" split-flange "O" ring type with *J.I.C.* and 45 degree NPT type to be used only where "O" ring types are not suitable.
 - 8.5.4.5 All hoses and lines to be; properly sized, installed, and secured, to provide adequate function speed, proper bend radius and avoid sag and chaffing.
- 8.6 **Material Spreader Hopper:**
 - 8.6.1 Sides to be 10 gauge (0.1345 inch thick) with 38 degree slope, minimum.
 - 8.6.2 Ends to be 7 gauge (0.1792 inch thick) with 38 degree slope, minimum.
- 8.7 **Conveyor Assembly:**

- 8.7.1 The conveyor system shall be of the chain bar flight type, running longitudinally with the body feeding materials to the spinner disc.
 - 8.7.1.1 The overall width of the conveyor shall be approximately 24 inches.
- 8.7.2 The conveyor chain shall be 100 percent stainless steel, including bar flights, all side links, pins, and drive links, running full length of body, and have local availability (provide information on manufacturer, part number, and local dealer).
 - 8.7.2.1 Pitch shall be 2 5/16 (2.31) inches.
 - 8.7.2.2 Welded pin chain consisting of 7/8 (.875) inch diameter rollers and side bars with a 1/4x1 (.25x1.0) inch cross section.
 - 8.7.2.3 Chain barflights shall have a cross section of 3/8x1½ (0.375x1.5) inch and be positioned on approximately 4½ (4.5) inch centers.
 - 8.7.2.4 Shall consist of two (2) heavy-duty strands, minimum capacity 20,000 pounds each, block chain.
 - 8.7.2.5 Chain Shields: To be 10 gauge (0.1345 inch thick), bolt-in replaceable, formed.
- 8.7.3 To include two (2) each heavy-duty spring-loaded adjustment screws to maintain proper conveyor tension.
 - 8.7.3.1 To be cadmium plated.
 - 8.7.3.2 To provide a minimum of four (4) inch travel for tension adjustment.
- 8.7.4 Front idler and drive shafts to be minimum of two (2) inch diameter alloy steel mounted in sealed anti-friction bearings.
- 8.7.5 All sprockets to be common and interchangeable.
 - 8.7.5.1 Eight (8) tooth, drop-forged steel.
 - 8.7.5.2 Sprockets are not to be welded to shafts.
 - 8.7.5.3 To be keyed type with set screw.

8.8 **Conveyor Wear Plate:**

- 8.8.1 Shall consist of 1/4 (0.25) inch stainless steel wear plate, full width and length of conveyor, with 3½ x 1½ (3.5x1.5) inch stainless steel box design cross bracing on 16 inch centers under the conveyor wear plate. (It has been the experience of the State that with thinner wear plate and lesser bracing, peaks and valleys form with the high points wearing thin).

8.9 **Conveyor Chain Protector:**

- 8.9.1 To include a bolt-in inverted "V" design installed in the lower hopper to protect chain.

- 8.9.2 To be of stainless steel in segments of 36 inches for ease of partial replacement.
 - 8.9.3 Thickness of 10 gauge (0.1345 inch thick), minimum.
 - 8.10 Rear (opposite of spinner end) of hopper body conveyor to be cut out the width of conveyor approximately six (6) inches above conveyor.
 - 8.10.1 To include gate or heavy rubber flap to provide access to rear (opposite end of spinner) of conveyor. This is not to be utilized as main exit for unloading of material from hopper. Material may, however, be discharged when conveyor is reversed to dislodge stuck material.
 - 8.11 Front (spinner end) of hopper body to include an adjustable gate above the conveyor to control flow of material to spinner. Adjustment to be made by means of a screw type jack with the adjustment handle located on the left (driver's side) of the conveyor hopper.
 - 8.12 **Spinner Assembly:**
 - 8.12.1 Spinner disc to be 18 inch diameter.
 - 8.12.1.1 To be fluorocarbon of high strength heavy duty polyurethane elastomer.
 - 8.12.1.2 Fins to be bolt-on, replaceable.
 - 8.12.1.3 Four (4) or more flights to be provided.
 - 8.12.2 Capable of distributing material to a minimum radius of 20 foot from the spinner.
 - 8.12.3 External Deflectors:
 - 8.12.3.1 To be stainless steel.
 - 8.12.3.2 Manually adjustable.
 - 8.12.3.3 Capable of controlling spread in all directions.
 - 8.12.3.4 Adjustable to a minimum radius of eight (8) feet.
 - 8.12.4 If lower spinner frame is attached to the conveyor chain channel, reinforcement of channel with 3/8 (0.375) inch stainless steel to be provided at attaching points to prevent sag of channel caused by weight of spinner assembly.
 - 8.12.5 Spinner assembly is to be forward mounted as per attached drawing.
 - 8.13 Any valves, shafts, levers or controls not within the spinner assembly housing to be protected from spillage materials.
 - 8.14 Material spreader shall have the capability for front unloading of hopper without running material over spinner.
- 9.0 GRIZZLY (Refer to attached DRAWING #568-2) (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**

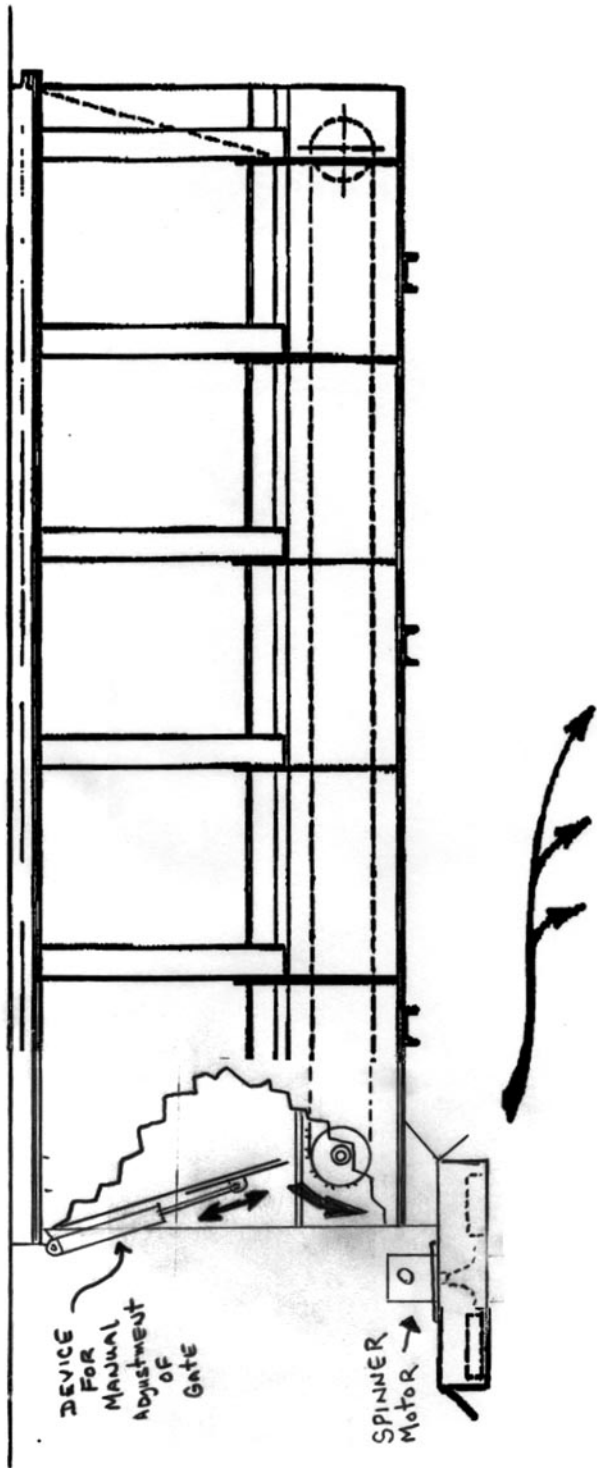
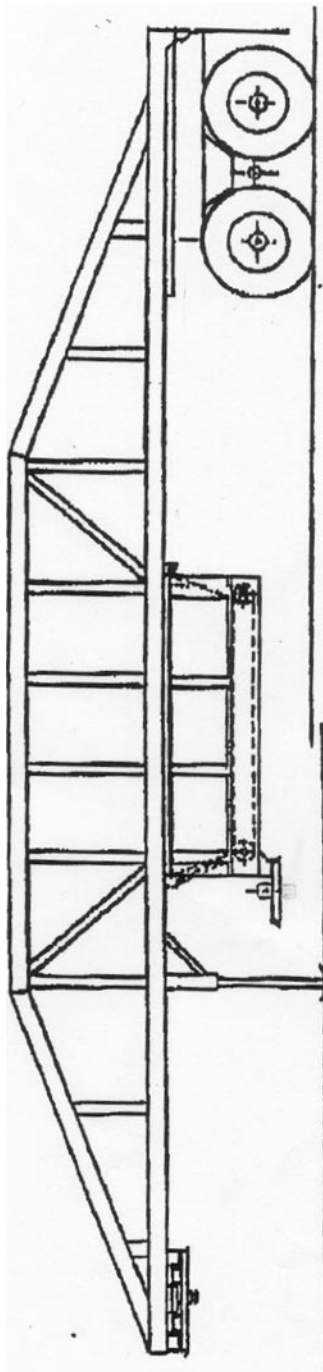
- 9.1 This material spreader and grizzly is also to be priced with the bottom dump trailer and as a separate item in the Bid Price Schedule.
 - 9.1.1 When priced as a separate item, pricing is to include all items described in spec items 8.0, 9.0 and warranty as per Section III – Special Terms and Conditions, along with freight for the sander and grizzly to the FOB point (Seattle/Tacoma dockside area).
- 9.2 To include a specially built grizzly assembly having the capability to attach/detach to/from the upper hopper.
- 9.3 Mounting:
 - 9.3.1 A 2½ (2.5) inch steel angle iron, minimum 3/8 (0.375) inch thickness, with dimensions matching up with upper hopper opening, shall be utilized to bolt the grizzly assembly to the dump body hopper as well as to the grizzly.
 - 9.3.2 Stainless steel hardware shall be utilized to attach the grizzly to the upper hopper and provide additional strength to the grizzly assembly.
 - 9.3.3 Unit will be mounted for delivery.
- 9.4 Shall include heavy-duty grizzly bars over top of hopper body to eliminate oversize material.
 - 9.4.1 To be constructed of approximately 1½ (1.5) inch outside diameter schedule 80 iron pipe.
 - 9.4.2 On 4 1/8 (4.125) inch centers providing approximately 2½ (2.5) inch spacing.
 - 9.4.3 Pipe shall be welded to two (2) inch angle iron, minimum 3/8 (0.375) inch thickness, to form a frame of three (3) equal sections on each side.
 - 9.4.3.1 Bottom section for frame angle iron to be positioned so that:
 - 9.4.3.1.1 Inside flat side of angle iron sets just inside of top of hopper body ledge.
 - 9.4.3.1.2 Top flat side of angle iron to which pipe is attached rests on hopper body top ledge.
- 9.5 Center ridge post to be minimum four (4) inch outside diameter schedule 80 iron pipe, utilized on the three (3) equal sections.
 - 9.5.1 Approximately 36 inches from top of center ridge pipe to hopper body.
- 9.6 Hopper grating protectors to consist of vertically welded steel, seven (7) gauge (0.1792 inch thick) minimum, sheet (end plates), on both ends of hopper body and at the end of each section.
 - 9.6.1 Both front and rear end plates to be approximately four (4) inches higher than grizzly.

- 9.6.2 Center plates to be mounted flush with grizzly.
- 9.6.3 To include reinforcement for center ridge and from center ridge to hopper edge.

10.0 MISCELLANEOUS:

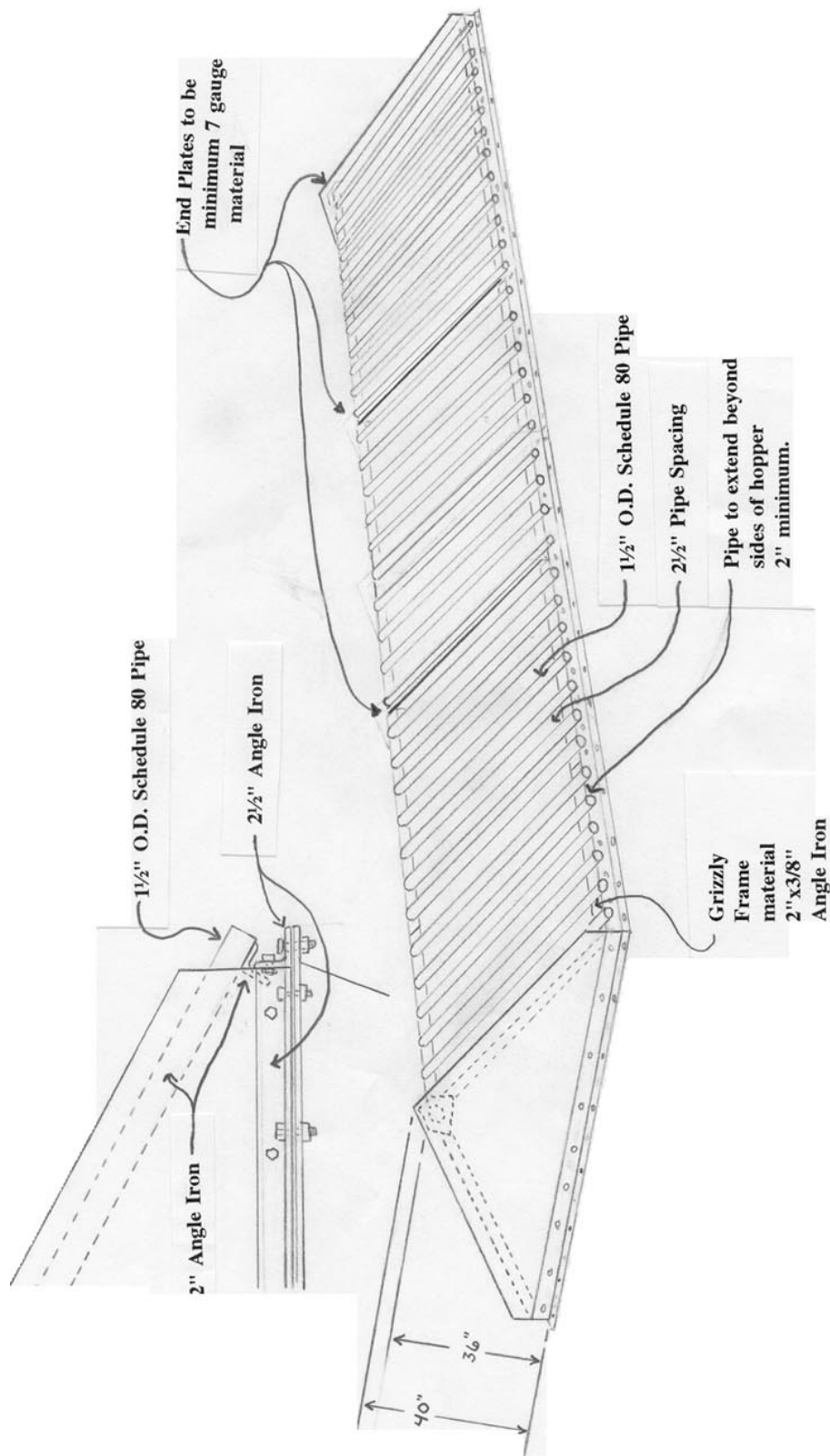
- 10.1 U.S. Standard Gauge (U.S.S.G.) will be used to determine metal gauge.
- 10.2 Unit bid, or similar, must have been in production a minimum of four (4) years.
- 10.3 Paint:
 - 10.3.1 Manufacturer's Standard (yellow if available), including prior sandblasting and three (3) mils of appropriate primer.
 - 10.3.2 Underside, including insides of beams to be primed, painted, and include a self-healing type undercoating.
- 10.4 Warranty: 12 months, 100 percent parts, and labor at the vendor's warranty service centers in Anchorage, Fairbanks and Juneau, per Section III - Special Terms and Conditions.
- 10.5 **Publications (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**
- 10.6 Refer to Section III – Special Terms and Conditions for requirements.
- 10.7 Inspection: For compliance to specifications will be conducted at FOB point.

The next 3 pages are drawings (sketches) and a picture of examples.



EXAMPLE OF SANDER ATTACHMENT
11/93

DRAWING #568-1



EXAMPLE OF GRIZZLY ATTACHMENT

DRAWING #568-2



PHOTO OF SIMILAR UNIT

END OF SPECIFICATION #568

SPECIFICATION #624-40T-RGN-8.5W

Section V- Specifications

Contract Award 1605159-Equipment and Dump Trailers

Page 13 of 24

Equipment Trailer, 2-Axle
Single Drop Deck with Rigid Gooseneck
8.5 Foot Wide, Minimum 80,000 Pound Payload Capacity
November 08, 2004

GENERAL SPECIFICATION:

It is the purpose of this specification to describe a new, and of the manufacturer's latest current model and design, minimum 80,000 pound payload capacity, two (2) axle, single drop deck with rigid gooseneck (5th wheel hitch) equipment trailer. Unit bid must have been in production a minimum of four (4) years. Unit to include all standard equipment and accessories as advertised in manufacturer's specification sheet of model offered, unless otherwise specified herein.

APPLICATION:

General hauling application. Unit will be subject to varying terrain and weather conditions to minus 50 degrees Fahrenheit.

DOCUMENTATION REQUIRED:

A basic manufacturer's product brochure describing the unit being bid is to be provided.

TYPICAL UNITS:

TRAIL KING Model TK80LCS and *TRANSCRAFT* Model DTL-3000. Provided that all of the following minimum specifications are met.

1.0 PERFORMANCE:

- 1.1 Highway Application: Must be capable of carrying a minimum payload of 80,000 pounds. Must be capable of carrying minimum 60,000 pounds within any concentrated 10 feet of deck space, at 55 MPH.

2.0 DECK:

- 2.1 Width to be 8½ foot (102 inches), without outriggers. This includes the gooseneck and main deck.
- 2.2 Gooseneck:
 - 2.2.1 Rigid gooseneck design.
 - 2.2.2 To be 12 foot in length with a drop to main deck of 20 inches, approximately.
 - 2.2.3 King pin setting of 36 inches.
 - 2.2.4 King pin height setting to be capable of between 48 to 52 inches, light.

- 2.2.5 Swing clearance of minimum 84 inches.
- 2.2.6 Chain rails with stake pockets both sides, full length.
- 2.2.7 Ratchet cargo strap rails to be welded onto sides of gooseneck, minimum of one (1) each, staggered side to side, every three (3) feet on each side. Ratchets are required and are to be of the three (3) bar design (instead of single slot).
- 2.2.8 Landing Gear: Two (2) speed with crank mounted on streetside.
- 2.3 Main Deck:
 - 2.3.1 To be single drop design (main deck and rear bridge to be same height).
 - 2.3.2 Length: Minimum 40 feet, to end of trailer.
 - 2.3.3 Height (at the center): Maximum 40 inches, light.
 - 2.3.4 Chain rails with stake pockets both sides, full length.
 - 2.3.5 Ratchet cargo strap rails to be welded onto sides of gooseneck, minimum of one (1) each, staggered side to side, every three (3) feet on each side. Ratchets are required and are to be of the three (3) bar design (instead of single slot).
- 2.4 Rear Bridge:
 - 2.4.1 To be full width.
 - 2.4.2 To include heavy-duty steel covered wheel wells.
 - 2.4.3 Chain rails with stake pockets both sides, full length.
- 2.5 Hardwood Decking:
 - 2.5.1 Oak, longitudinal with a thickness of 1-5/16 (1.312) inches, minimum.
 - 2.5.2 On the gooseneck, main deck, and rear bridge.

3.0 CHASSIS:

- 3.1 Maximum Total Weight: 16,000 pounds.
- 3.2 Overall length: Maximum 53 foot, total.
- 3.3 Frame:
 - 3.3.1 To be a two (2) beam design.
 - 3.3.2 Minimum safety factor of two (2) to one (1) with 100,000 PSI high yield strength flanges and 80,000 to 100,000 PSI high yield strength through out.
 - 3.3.3 Side rails to be six (6) inch minimum, structural steel.
 - 3.3.4 Cross Members: Four (4) inch I-beam on 12 inch centers, minimum.

- 3.3.5 Minimum safety factor of two (2) to one (1) with 80,000 PSI and T-1 steel.
- 3.4 Axles:
 - 3.4.1 To have two (2) axles with dual wheels.
 - 3.4.2 Each axle to have minimum 22,500 pound capacity.
 - 3.4.3 Round, 5 inch.
 - 3.4.4 Track to be maximum.
 - 3.4.5 Spacing of 121 inches.
 - 3.4.6 Oil seals to be low temperature, *STEMCO* or equivalent.
- 3.5 Air Ride Suspension: *HENDRICKSON-TURNER* or *RIDEWELL*, underslung, minimum 22,500 pound capacity each axle. Dump valve to be located on rear streetside of trailer.
- 3.6 Tires and Wheels:
 - 3.6.1 To include nine (9) each, including spare, *FIRESTONE* T575 (Article Number 287415) 255R70-22.5 16PR steel belted tires.
 - 3.6.2 Wheels: **Hub** piloted type, steel disc, 7.5x22.5 10 hole.
 - 3.6.3 *ACCURIDE* Wheel-Guards are to be supplied between dual wheels and between the wheels and the hubs.
 - 3.6.4 Mounted spare tire and wheel to be included. To be shipped loose.
- 3.7 Brakes:
 - 3.7.1 To be full air.
 - 3.7.2 16½ x 7 (16.5 x 7.0) inch, S-Cam with outboard drums.
 - 3.7.3 To include heavy-duty metal dust shields on all axles.
 - 3.7.4 To include arctic type hoses (*AEROQUIP*), diaphragms, and rubber boots on brake cans.
 - 3.7.5 All axles to have *ANCHORLOCK* ELC3030 Life-Seal cans.
 - 3.7.6 Standard glad hands, plastic are not acceptable.
 - 3.7.7 To include safety breakaway valve, automatically applying, in the event of line breakage or low air pressure.
 - 3.7.8 Any air tanks are to include bleeder valves (automatic or manual), located in protected areas.
- 3.8 Mud flaps, heavy-duty rubber.

4.0 ELECTRICAL:

4.1 Lighting:

4.1.1 12-volt, ICC and DOT approved, rubber mounted.

4.1.2 Side marker, stop, turn and tail to be LED.

4.1.2.1 Stop, turn, and tail to be rubber mounted *TRUCK-LITE* Super 44 or *GROTE* Supernova or *WHELEN* PAR35L.

4.1.3 Side marker lights are to be LED, waterproof, and include a stainless steel or non-ferrous material fixture.

4.1.4 License plate light and bracket.

4.1.5 Rear lighting to include guards.

4.2 Electrical connection (for trailer lighting and the ABS system) to be a seven (7) pole *POLLACK* #11-724 split pin poly/glass socket with a *POLLACK* #11-761 socket boot, or *PHILLIPS'* equivalents.

4.3 To include one (1) each *POLLACK* #15-212 coiled cord that has a *POLLACK* #11-910 Weatherbeater poly/glass plug with cable guard on both ends and is approximately 12 foot in length, or *PHILLIPS'* equivalents.

4.3.1 Wire position #1, white, 10-gauge, for ground.

4.3.2 Wire position #2, black, 12-gauge for clearance, side marker, and identification lamps.

4.3.3 Wire position #3, yellow, 12-gauge, for left turn.

4.3.4 Wire position #4, red, 12-gauge, for stop lights.

4.3.5 Wire position #5, green, 12-gauge, for right turn.

4.3.6 Wire position #6, brown, 12-gauge, for tail and license plate.

4.3.7 Wire position #7, blue, 12-gauge, for ABS power.

4.4 Wiring:

4.4.1 Wiring harness to be sealed.

4.4.2 Wiring to be continuously number or color coded.

4.4.3 Connections to include heat shrink covering.

4.4.4 Wiring to be grouped in conduit, cable, or harness where possible.

4.4.5 Professionally routed with grommets and securement devices as necessary.

5.0 MISCELLANEOUS:

- 5.1 Unit bid, or similar, must have been in production a minimum of four (4) years.
- 5.2 Paint:
 - 5.2.1 Manufacturer's Standard, including prior sandblasting and three (3) mils of appropriate primer.
 - 5.2.2 Underside, including insides of beams to be primed, painted, and include a self-healing type undercoating.
- 5.3 Warranty: 12 months, 100 percent parts, and labor at the vendor's warranty service centers in Anchorage, Fairbanks and Juneau, per Section III - Special Terms and Conditions.
- 5.4 **Publications (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**
 - 5.4.1 Refer to Section III – Special Terms and Conditions for requirements.
- 5.5 Inspection: For compliance to specifications will be conducted at FOB point.

END OF SPECIFICATION #624-40T-RGN-8.5W

SPECIFICATION #626-50T-DG-10W
Equipment Trailer, 3-Axle
Double Drop Deck with Detachable Gooseneck
10 Foot Wide, Minimum 100,000 Pound Capacity
November 08, 2004

GENERAL SPECIFICATION:

It is the purpose of this specification to describe a new, and of the manufacturer's latest current model and design, minimum 100,000 pound capacity, three (3) axle, double drop deck with hydraulic (utilizing the host truck's hydraulics) detachable gooseneck (5th wheel hitch) equipment trailer. Unit bid must have been in production a minimum of four (4) years. Unit to include all standard equipment and accessories as advertised in manufacturer's specification sheet of model offered, unless otherwise specified herein.

APPLICATION:

General hauling application. Unit will be subject to varying terrain and weather conditions to minus 50 degrees Fahrenheit.

DOCUMENTATION REQUIRED:

A basic manufacturer's product brochure describing the unit being bid is to be provided.

TYPICAL UNITS:

LOAD KING Model 503DG and *TRAIL KING* Model TK110HDG. Provided all of the following minimum specifications are met.

1.0 PERFORMANCE:

- 1.1 Highway Application: Must be capable of carrying a payload of 100,000 pounds within any 16 foot section of the main deck, at 55 MPH.

2.0 DETACHABLE GOOSENECK:

- 2.1 Pins (a plate type mechanism is not acceptable), for detaching gooseneck from the main deck, are to be air operated (manual removing of pins is not acceptable).
- 2.2 Hydraulics:
 - 2.2.1 To allow detachment of gooseneck from main deck in soft ground or asphalt without the use of ground bearing pads (non-ground bearing).
 - 2.2.1.1 To utilize two (2) heavy-duty hydraulic cylinders that are easily maintainable.
 - 2.2.2 Hydraulic power will be supplied from the State provided host truck's hydraulics.

- 2.2.3 Hydraulic hook ups may be capped off or include quick couplers. The location for the hook ups shall be at the front of the gooseneck with the electrical and air connections.
- 2.2.4 Controls to be located on side of gooseneck, driver side, to control full detaching operation.
- 2.3 King pin setting of 16 inches.
- 2.4 King pin height setting between 50 and 52 inches.
- 2.5 Swing clearance of 84 inches.
- 2.6 Storage: Gooseneck to include chain and binder box or boxes, open built-in design.
- 2.7 Fenders, heavy-duty (HD).
- 2.8 Mud Flap: Full width of gooseneck, is to be located where gooseneck hooks to trailer.

3.0 MAIN DECK:

- 3.1 To be full width (120 inches) without outriggers.
- 3.2 Height (at the center): Maximum 30 inches, light.
- 3.3 Length: Minimum 24 feet.
- 3.4 Loading Ramps (ground to main deck): To be HD, double-hinged with cleats.
- 3.5 **Loading Ramp (main deck to rear bridge) (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**
 - 3.5.1 A loading ramp recessed into the rear portion of the main deck allowing loading of a compactor or other equipment onto the rear bridge without having to manhandle portable ramps.
 - 3.5.2 Built into the main deck, this ramp, when raised, will provide a maximum incline of 12 degrees to the rear bridge.
 - 3.5.2.1 The ramp will be approximately six (6) feet in length.
 - 3.5.2.2 The ramp will be minimum 102 inches wide.
 - 3.5.2.3 When lowered, this ramp is to be level with the main deck.
 - 3.5.3 The ramp is to include hardwood decking as used on the main deck and rear bridge.
 - 3.5.4 The ramp will be operator controlled by two (2) each heavy-duty hydraulic cylinders.
 - 3.5.4.1 The controls will be located on the gooseneck or the side of the trailer.

- 3.5.5 The ramp will include a mechanical locking system (not the cylinders) to hold it in place when in the raised position.
- 3.5.6 Ratchet Cargo Strap Rails:
 - 3.5.6.1 Main Deck: To be welded onto sides of main deck, minimum of five (5) each side. Ratchets and webbing are not required to be supplied with this bid.
- 3.5.7 **Outriggers (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**
 - 3.5.7.1 NOTE: If outriggers are ordered, Ratchet Cargo Strap Rails will not be supplied.
 - 3.5.7.2 Swing-out type, 12 inch, spaced on approximately 24 inch centers, providing an overall deck width of 12 feet.
 - 3.5.7.3 To include hardwood planking, four (4) each, 3 inch x 12 inch x 12 foot (3"x12"x12').
 - 3.5.7.3.1 To be securely strapped down (to help prevent loss/theft) to main deck for shipment.
 - 3.5.7.3.2 Hardwood planking to be Oak

4.0 REAR BRIDGE:

- 4.1 To be full width (120 inches) with HD wheel bolsters.
- 4.2 To include HD, removable (bolt-on or pin-on), flush mounted with deck, steel covered wheel wells. Minimum ¼ (0.25) inch thick 4-way pattern floor plate.

5.0 LASH RINGS:

- 5.1 Main Deck: To be six (6) on each side (evenly spaced), for a total of 12 each.
- 5.2 Rear Bridge:
 - 5.2.1 Sides: To be three (3) on each side (between each axle), for a total of four (4) each.
 - 5.2.2 Rear: To include two (2) each.
- 5.3 All lash rings are to either extend above or be completely below the side rail.

6.0 HARDWOOD DECKING:

- 6.1 Oak, longitudinal with a minimum thickness of 1-3/8 (1.375) inches (2-inch nominal).
- 6.2 To be used on the main deck, recessed loading ramp, and rear bridge.

7.0 CHASSIS:

- 7.1 Overall Length: Maximum 53 foot total.
- 7.2 Main Frame:
 - 7.2.1 Trailer bed to have a 4-beam design flush mounted with decking.
 - 7.2.2 All beams shall be of the same height, minimum 16 inches.
 - 7.2.3 Crossmembers shall be 10 inches in height on 24 inch centers, minimum.
- 7.3 Minimum safety factor of two (2) to one (1) with 80,000 PSI high yield strength flanges and 80,000 to 100,000 PSI high yield strength through out.
- 7.4 Axles:
 - 7.4.1 Oil bath type.
 - 7.4.2 To have three (3) axles with dual wheels.
 - 7.4.3 Square tube design, 5 inch or 6x4 inch.
 - 7.4.4 Track to be maximum width.
 - 7.4.5 Oil seals to be *STEMCO* or equivalent.
 - 7.4.6 Each axle to have 22,500 pound capacity.
 - 7.4.7 60 inch spacing.
- 7.5 Air Ride Suspension: To be *HENDRICKSON-TURNER*, *NEW-WAY*, or *RIDEWELL*, underslung. To include dump valve.
 - 7.5.1 **Rear (3rd) axle to have capability to lift when the trailer is unladen. (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule)**
- 7.6 Tires and Wheels:
 - 7.6.1 To include 13 each, including spare, *MICHELIN XM+S4* or *GOODYEAR G177*, 11R22.5 16PR “H” rated steel belted tires.
 - 7.6.2 Wheels: **Hub** piloted type, steel disc.
 - 7.6.3 Mounted spare tire and wheel to be strapped to deck of trailer.
- 7.7 Brakes:
 - 7.7.1 To be full air.
 - 7.7.2 16½ x 7 (16.5 x 7.0) inch, S-Cam with outboard drums.
 - 7.7.3 To include heavy-duty metal dust shields on all axles.
 - 7.7.4 To include arctic type hoses (*AEROQUIP*), diaphragms, and rubber boots on brake cans.
 - 7.7.5 All axles to have maxi cans.
 - 7.7.6 Standard glad hands, plastic are not acceptable.

7.7.7 To include safety breakaway valve, automatically applying, in the event of line breakage or low air pressure.

7.7.8 Any air tanks are to include bleeder valves (automatic or manual), located in protected areas.

7.8 Mud flaps, HD rubber.

8.0 ELECTRICAL:

8.1 Lighting:

8.1.1 12-volt, ICC and DOT approved, rubber mounted.

8.1.2 Side marker, stop, turn and tail to be LED.

8.1.2.1 Stop, turn, and tail to be rubber mounted *TRUCK-LITE* Super 44 or *GROTE* Supernova or *WHELEN* PAR35L.

8.1.3 Side marker lights are to be LED, waterproof, and include a stainless steel or non-ferrous material fixture.

8.1.4 License plate light and bracket.

8.1.5 Rear lighting to include guards.

8.1.6 Outrigger brackets (when ordered) to include marker lights, minimum of three (3) each per side, on the outer edge of the bracket.

8.2 Electrical connection (for trailer lighting and the ABS system) to be a seven (7) pole *POLLACK* #11-724 split pin poly/glass socket with a *POLLACK* #11-761 socket boot, or *PHILLIPS'* equivalents.

8.2.1 Wire position #1, white, 10-gauge, for ground.

8.2.2 Wire position #2, black, 12-gauge for clearance, side marker, and identification lamps.

8.2.3 Wire position #3, yellow, 12-gauge, for left turn.

8.2.4 Wire position #4, red, 12-gauge, for stop lights.

8.2.5 Wire position #5, green, 12-gauge, for right turn.

8.2.6 Wire position #6, brown, 12-gauge, for tail and license plate.

8.2.7 Wire position #7, blue, 12-gauge, for ABS power.

8.3 To include one (1) each *POLLACK* #15-212 coiled cord that has a *POLLACK* #11-910 Weatherbeater poly/glass plug with cable guard on both ends and is approximately 12 foot in length, or *PHILLIPS'* equivalents.

8.4 Wiring:

8.4.1 Wiring harness to be sealed.

8.4.2 Wiring to be continuously numbered or color coded.

- 8.4.3 Connections to include heat shrink covering.
- 8.4.4 Wiring to be grouped in conduit, cable, or harness where possible.
- 8.4.5 Professionally routed with grommets and securement devices as necessary.

9.0 MISCELLANEOUS:

- 9.1 All air tanks are to include bleeder valves (automatic or manual), located in protected areas.
- 9.2 Unit bid, or similar, must have been in production a minimum of four (4) years.
- 9.3 Paint:
 - 9.3.1 Manufacturer's Standard (yellow if available), including prior sandblasting and three (3) mils of appropriate primer.
 - 9.3.2 Underside, including insides of beams to be primed, painted, and include a self-healing type undercoating.
- 9.4 Warranty: 12 months, 100 percent parts, and labor at the vendor's warranty service centers in Anchorage, Fairbanks and Juneau, per Section III - Special Terms and Conditions.
- 9.5 **Publications (OPTIONAL ITEM – Pricing is required. Refer to Section V – Bid Price Schedule):**
 - 9.5.1 Refer to Section III – Special Terms and Conditions for requirements.
- 9.6 Inspection: For compliance to specifications will be conducted at FOB point.

END OF SPECIFICATION #626-10W-DG